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TITLE: On/off apparatus of multi color light emitting diode (LED) according to voice output variation and method thereof

INVENTOR: PAEK, S M

PATENT-ASSIGNEE: PAEK S M{PAEKI}

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ABSTRACTED-PUB-NO: KR2001046229A

#### BASIC-ABSTRACT:

NOVELTY - An on/off apparatus of a multi color light emitting diode (LED) according to a voice output variation and a method thereof are provided to compare an internal voice output signal of an audio or a voice signal extracted from an external microphone input signal with a reference sound width or frequency and then to classify into multistage levels, and then to turn on/off the LED in a long distance with various colors according to the levels transmitted wireless.

DETAILED DESCRIPTION - A reception apparatus (200) turns on a LED corresponding to a received code data, and a reception part (202) is comprised in the reception apparatus and receives a signal sent from a transmitter part. A signal conversion part (204) extracts only code data from signals applied from the reception part. And, a control part (206) generates a switching control signal to a corresponding switch by reading switch data corresponding to a code signal from an internal memory (206a) after receiving the code signal from the signal conversion part. And, a switching part (208) comprises a number of switches, and performs a switching by receiving a control signal as to the corresponding switch from the control part. And, a number of LED driving parts (210a-210n) drives a number of LED's (4a-4n).

CHOSEN-DRAWING: Dwg.1/10

TITLE-TERMS: APPARATUS MULTI COLOUR LIGHT EMIT DIODE LED ACCORD VOICE OUTPUT  
VARIATION METHOD

DERWENT-CLASS: P85 U12 W02

EPI-CODES: U12-A01A5A; W02-G02A5C;

